

Sheet 1 of 25

09/15/2008

Substitute for form 1449/PTO, based on PTO/SB/08A and 08B

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Application Number	10/598,149
Filing Date	August 18, 2006
First Named Inventor	Chaikof et al.
Art Unit	1614
Examiner Name	Not assigned
Attorney Docket Number	11-04

Confirmation No. 1649

GWS 5/4/2007

**U.S. PATENT DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	Document Number (US-)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)
	1	6,936,298	08/30/2005	Chaikof et al.	
	2	6,699,952	03/02/2004	Chaikof et al.	
	3	6,632,791	10/14/2003	Light et al.	
	4	6,583,251	06/24/2003	Chaikof et al.	
	5	6,565,842	05/20/2003	Sojomihardo et al.	
	6	6,410,057	06/25/2002	Kweaon-Choi et al.	
	7	6,171,614	01/09/2001	Chaikof et al.	
	8	6,071,532	06/06/2000	Chaikof et al.	
	9	5,932,462	08/03/1999	Harris et al.	
	10	5,911,942	06/15/1999	Fofonoff et al.	
	11	5,863,760	01/26/1999	Light et al.	
	12	5,834,028	11/10/1998	Kunihiro et al.	
	13	5,755,788	05/26/1998	Strauss	
	14	5,741,325	04/21/1998	Chaikof et al.	
	15	5,583,102	12/10/1996	Lentz et al.	
	16	5,556,632	09/17/1996	Kohler et al.	
	17	5,429,618	07/04/1995	Keogh	
	18	5,417,969	05/23/1995	Hsu et al.	
	19	5,399,331	03/21/1995	Loughrey et al.	
	20	5,288,517	02/22/1994	Kanno et al.	
	21	5,256,770	10/26/1996	Glaser et al.	
	22	5,126,140	06/30/1992	Ito et al.	
	23	5,108,759	04/28/1992	Ranny	
	24	5,071,532	12/10/1991	Taillet et al.	
	25	4,906,465	03/06/1990	Chaikof et al.	
	26	4,880,883	11/14/1989	Grasel et al.	
	27	4,560,599	12/24/1985	Regen	
	28	4,522,803	06/11/1985	Lenk et al.	
	29	4,485,045	11/27/1984	Regen	
	30	2004/0063200	04/01/2004	Chaikof et al.	

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**FOREIGN PATENT DOCUMENTS**

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	31	WO 05/081926	09/09/2005	Chaikof et al.		
	32	WO 02/055021	07/18/2002	Chaikof et al.		
	33	WO 02/09647	02/07/2002	Chaikof et al.		
	34	WO 01/80921	11/01/2001	Chaikof et al.		
	35	WO 01/78800	10/25/2001	Chaikof et al.		
	36	WO 00/00239	01/06/2000	Chaikof et al.		
	37	WO 98/16198	04/23/1998	Chaikof et al.		
	38	WO 96/21469	07/18/1996	Harris et al.		
	39	JP 63236731	10/03/1988	Hirokyu et al.		
	40	EP 0 355 847	02/28/1990	Kanno et al.		

**NON-PATENT LITERATURE DOCUMENTS**

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	41	Agard et al. (2004) "A Strain-Promoted [3+2] Azide-Alkyne Cycloaddition for Covalent Modification of Biomolecules in Living Systems," <i>J. Am. Chem. Soc.</i> 126(46):15046-15047	
	42	Akagawa et al. (2000) "Mechanism of Formation of Elastin Crosslinks," <i>Connect. Tissue Res.</i> 41(2):131-141	
	43	Akita et al. (1994) "Effect of FK506 and Anti-CD4 Therapy on Fetal Pig Pancreas Xenografts and Host Lymphoid Cells in NOD/L, CBA, and BALB/c Mice," <i>Cell Trans.</i> 3(1):61-73	
	44	Anderson et al. (1994) "Bioactive Silk-Like Protein Polymer Films on Silicon Devices," Alper et al. eds., <i>Materials Research Society Symp. Proc.</i> , Pittsburg, PA, 330:171-177	
	45	Andree et al. (1994) "Transport Rate Limited Catalysis on Macroscopic Surfaces; The Activation of Factor X in a Continuous Flow Enzyme Reactor," <i>Biochem.</i> 33(14):4368-4374	
	46	Aoi et al. (1994) "Glycopeptide Synthesis by an $\alpha$ -Amino Acid N-Carboxyanhydride (NCA) Meth: Ring-Opening Polymerization of a Sugar-Substituted NCA," <i>Macromol.</i> 27:875-877	
	47	Aoi et al. (1992) "Architectural Control of Sugar-Containing Polymers by Living Polymerization: Ring-Opening Polymerization of 2-Oxazolines Initiate With Carbohydrate Derivatives," <i>Macromol.</i> 25:7073-7075	
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	48	Arnander et al (1998) "Influence of Blood Flow and the Effect of Protamine on the Thromboresistant Properties of a Covalently Bonded Heparin Surface," <i>J. Biomed. Mater. Res.</i> 22(10):859-868	
	49	Balchander et al. (1990) "Monolayer Transformation by Nucleophilic Substitution: Applications to the Creation of new Monolayer Assemblies," <i>Langmuir</i> 6(11):1621-1627	
	50	Basmdjian et al. (1997) "Coagulation on Biomaterials in Flowing Blood: Some Theoretical Considerations," <i>Biomater.</i> 17(23):1511-1522	
	51	Basmdjian et al. (1983) "Relationships Between Release Rate and Surface Concentration for Heparinized Materials," <i>J. Biomed. Mater. Res.</i> 17(3):509-518	
	52	Beyer et al. (1996) "Covalently Attached Polymer Mono- and Multilayers on Silanized Glass Substrates," <i>Thin Solid Films</i> 285:825-828	
	53	Bierbaum et al. (1995) "A Near Edge X-Ray Absorption Fine Structure Spectroscopy and X-ray Photoelectron Spectroscopy Study on the Film Properties of Self-Assembled Monolayers of Organosilanes on Oxidized Si(100)," <i>Langmuir</i> 11:512-518	
	54	Biessen et al. (1995) "Synthesis of Cluster Galactosides With High Affinity for the Hepatic Asialoglycoprotein Receptor," <i>J. Med Chem.</i> 38:1538-1546	
	55	Billy et al. (1995) "Prothrombin Activation by Prothrombinase in a Tubular Flow Reactor," <i>J. Biol. Chem.</i> 270(3):1029-1034	
	56	Biro et al. (1994) "Expression and Subcellular Distribution of Basic Fibroblast Growth Factor are Regulated During Migration of Endothelial Cells," <i>Circ. Res.</i> 74:485-494	
	57	Bitomsky et al. (1999) "Docking of Glycosaminoglycans to Heparin-Binding Proteins: Validation for aFGF, bFGF, and Antithrombin and Application to IL-8," <i>J. Am. Chem. Soc.</i> 121:3004-3103	
	58	Bjorquist et al. (1997) "Determination of the Kinetic Constants of Tissue Factor/Factor VII/Factor VIIA and Antithrombin/Heparin Using Surface Plasmon Resonance," <i>Thromb. Res.</i> 85(3):225-236	
	59	Blezer et al. (1998) "Initiation and Propagation of Blood Coagulation at Artificial Surfaces Studied in Capillary Flow Reactor," <i>Thromb. Haemost.</i> 79(2):296-301	
	60	Blezer et al. (1997) "Activation of Blood Coagulation at Heparin-Coated Surfaces," <i>J. Biomed. Mater. Res.</i> 37(1):108-113	
	61	Bon et al. (1999) "Amphiphilic Copolymers by Atom Transfer Polymerization with Carbohydrate-Based Initiators and Monomers," <i>Polym. Prep. (Am. Chem. Soc. Div. Polym. Chem.)</i> 40(2):248-249	
	62	Bourin et al. (1993) "Glycosaminoglycans and the Regulation of Blood Coagulation," <i>Biochem. J.</i> 289(2):313-330	
	63	Brittain et al. (1992) "Sickle Erythrocyte Adherence to Large Vessel and Microvascular Endothelium Under Physiologic Flow is Qualitatively Different," <i>J. Lab. Clin. Med.</i> 112:538-545	
	64	Broch et al. (1998) "Quantum Molecular Modeling of the Elastic Tetrapeptide Val-	
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		Pro-Gly-Gly," <i>J. Biomol. Struct. Dyn.</i> 15:1073-1091	
	65	Brown, D.F.M. (Nov. 2001) "Treatment Options for Deep Venous Thrombosis," <i>Emerg. Med. Clin. N. Am.</i> 19(4):913-923	
	66	Brummel et al. (1999) "An Integrated Study of Fibrinogen During Blood Coagulation," <i>J. Biol. Chem.</i> 274(32):22862-22870	
	67	Buller et al. (1999) "Primary Stenting Versus Balloon Angioplasty in Occluded Coronary Arteries," <i>Circ.</i> 100(3):236-242	
	68	Bundgaard, H. (1991) "Design and Application of Prodrugs," In <i>A Textbook of Drug Design and Application of Prodrugs</i> , Krosgaard-Larsen et al. eds., pp. 113-191	
	69	Bundgaard, H. (1992) "(C) Means to Enhance Penetration. (1) Prodrugs as a Means to Improve Delivery of Peptide Drugs," <i>Adv. Drug Deli. Rev.</i> 8:1-38	
	70	Byun et al. (1996) "Binding of Antithrombin III and Thrombin to Immobilize Heparin Under Flow Conditions," <i>Biotechnol. Prog.</i> 12(2):217-225	
	71	Byun et al. (1996) "Mechanism of Thrombin Inactivation by Immobilized Heparin," <i>J. Biomed. Mater. Res.</i> 30:423-427	
	72	Cai et al. (1993) "A Solid-State N.M.R. Study of Microphase Structure and Segmental Dynamics of Poly(Styrene- <i>b</i> -methylphenylsiloxane) Diblock Copolymers," <i>Polymer</i> 34:267-276	
	73	Calistri-Yeh et al. (1996) "Thermal Stability of Self-Assembled Monolayers from Alkylchlorosilanes," <i>Langmuir</i> 12:2747-	
	74	Campbell et al. (1994) "Biocompatible Surfaces Using Methacryloylphosphorylcholine Laurylmethacrylate Copolymer," <i>ASA/O J.</i> 40(3):M853-M857	
	75	Cao et al. (1997) "Sequence of Abductin, The Mollyscan "Rubber" Protein," <i>Vurr. Biol.</i> 7:R677-R678	
	76	Cazalis et al. (2004) "Site-Specific PEGylation of a Truncated Thrombomodulin Derivative," <i>Polymer Mater. Sci. Eng.</i> 227:198-199	
	77	Cazalis et al. (2004) "C-Terminal Site-Specific Pegylation of Truncated Thrombomodulin Mutant with Retention of Full Bioactivity," <i>Bioconjug. Chem.</i> 15:1005-1009	
	78	Chaikof et al. (1996) "Biomaterials that Imitate Cell Microenvironments," <i>Chemtech</i> 26:17-24	
	79	Chaikof et al. (1992) "PEO Enhancement of Platelet Deposition, Fibrinogen Deposition, and Complement C3 Activation," <i>J. Biomed. Mater. Res.</i> 26:1163-1168	
	80	Chan et al. (2006) "Homo sapiens Thrombomodulin," NCBI Accession No. NM_000361	
	81	Chang et al. (1989) "Nuclear Overhauser Effect and Computational Characterization of the $\beta$ -Spiral of the Polypentapeptide of Elastin," <i>J. Biomol. Struct. Dyn.</i> 6(5):851-858	
	82	Chang et al. (1988) "Molecular Dynamics Calculations on Relaxed and Extended States of the Polypentapeptide of Elastin," <i>Chem. Phys. Lett.</i> 147:395-400	
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	83	Chapman et al. (1993) "Biomembranes and New Hemocompatible Materials," <i>Langmuir</i> 9:39-45		
	84	Chen et al. (1997) "Phosphorylcholine Coating of ePTFE Grafts Reduces Neointimal Hyperplasia in Canine Model," <i>Ann. Vasc. Surg.</i> 11(1):74-79		
	85	Chen et al. (1996) "Studies on the Synthesis and Properties of Novel Phospholipid Analogous Polymers," <i>J. Appl. Polym. Sci.</i> 60:455-464		
	86	Cheung et al. (1994) "Molecular Self-Assembly of Conducting Polymers," <i>Thin Solid Films</i> 244:985-989		
	87	Chon et al. (1999) "Cytomimetic Biomaterials. 3. Preparation and Transport Studies of an Alginate/Amphiphilic Copolymer/Polymerized Phospholipid Film," <i>J. Biomater. Sci. Polym. Ed.</i> 10:95-107		
	88	Chon et al. (1998) "α4β1 and α5β1 Control Cell Migration on Fibronectin by Differentially Regulating Cell Speed and Motile Cell Phenotype," <i>Ann. Biomed. Eng.</i> 26:1091-1101		
	89	Chon et al. (1997) "Role of Fibronectin and Sulfated Proteoglycans in Endothelial Cell Migration on a Cultures Smooth Muscle Layer," <i>J. Surg. Res.</i> 72:53-59		
	90	Christianson et al. (1993) "Adoptive Transfer of Diabetes into Immunodeficient NOD-scid/scid Mice: Relative Contributions of CD4 <sup>+</sup> and CD8 <sup>+</sup> T-Cells from Diabetic Versus Prediabetic NOD. NON-Thy-1 <sup>a</sup> Donors," <i>Diabetes</i> 42:44-55		
	91	Cima et al. (1995) "Network Structures of Radiation-Cross-Linked Star Polymer Gels," <i>Macromol.</i> 28:6787-6794		
	92	Clarke et al. (1993) "The Short Loop Between Epidermal Growth Factor-Like Domain-4 and Domain-5 is Critical for Human Thrombomodulin Function," <i>J. Biol. Chem.</i> 268:6309-6315		
	93	Clowes et al. (1986) "Mechanisms of Arterial Graft Failure. II. Chronic Endothelial and Smooth Muscle Cell Proliferation in Healing Polytetrafluoroethylene Prostheses," <i>J. Vasc. Surg.</i> 3:877-884		
	94	Clowes et al. (1985) "Mechanisms of Arterial Graft Failure. I. Role of Cellular Proliferation in Early Healing of PTFE Prostheses," <i>Am. J. Pathol.</i> 118(1):43-54		
	95	Clowes et al. (1977) "Suppression by Heparin of Smooth Muscle Cell Proliferation in Injured Arteries," <i>Nature</i> :625-626		
	96	Colton et al. (1992) "The Engineering of Xenogenetic Islet Transplantation by Immunoisolation," <i>Diab. Butr. Metabol.</i> 5:145-149		
	97	Colton et al. (1991) "Bioengineering in the Development of the Hybrid Artificial Pancreas I," <i>Biochem. Eng.</i> 113:152-170		
	98	Contino et al. (1994) "Use of an Oriented Transmembrane Protein to Probe the Assembly of a Supported Phospholipid Bilayer," <i>Biophys. J.</i> 67:1113-1116		
	99	Conway et al. (Jan. 1997) "The Amino Terminal Lactin-Like Domain of Thrinbifulin is Required for Constitutive Endocytosis," <i>Blood</i> 89(2):652-661		
	100	Crooks et al. (1990) "Microencapsulation of Mammalian Cells in HEMA MMA		
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		Copolymer: Effects on Capsule Morphology and Permeability," <i>J. Biomed. Mater. Res.</i> 24:1241-1262	
	101	Cruise et al. (1998) "A Sensitivity Study of the Key Parameters in the Interfacial Photopolymerizaion of Poly(Ethylene Glycol) Diacrylate Upon Porcine Islets," <i>Biotechnol. Bioeng.</i> 57:655-5-665	
	102	Daugherty et al. (1999) "A Fluorescence Assay for Leucine Zipper Dimerization: Avoiding Unintended Consequences of Fluorophore Attachment," <i>J. Am. Chem. Soc.</i> 121:4325-4333	
	103	Dautzenberg et al. (1996) "Polyelectrolyte Complex Formation at the Interface of Solutions," <i>Polym. Sci.</i> 101:149-156	
	104	Debelle et al. (1999) "Elastin: Molecular Description and Function," <i>Int. J. Biochem. Cell Biol.</i> 31:261-272	
	105	Decher, G. (1997) Fuzzy Nanoassemblies: Toward Layered Polymeric Multicomposites," <i>Science</i> 277:1232-1237	
	106	Defrees et al. (1996) "Sialyl Lewis X Liposomes as a Multivalent Ligand and Inhibitor of E-Selectin Mediated Cellular Adhesion," <i>J. Am. Chem. Soc.</i> 118:6101-6104	
	107	Deming, T.J. (1999) "Mussel Bysus and Biomolecular Materials," <i>Curr. Opin. Chem. Biol.</i> 3:100-105	
	108	Dixon, W.T. (1982) "Spinning-Sideband-Free and Spinning Sideband-Only NMR pectra in Spinning Samples," <i>J. Chem. Phys.</i> 77:1800-1809	
	109	Dixon, W.T. (1982) "Total Suppression of Sidebands in CPMAS C-13 NMR," <i>J. Magn. Reson.</i> 49:341-345	
	110	Dluhy, R.A. (1986) "Quantitative External Reflection Infrared Spectroscopic Analysis of Insoluble Monolayers Spread at the Air-Water Interface," <i>J. Phys. Chem.</i> 90:1373-1379	
	111	Dodson et al. (1993) "Molecular Recognition in Insulin Assembly," <i>Biochem. Soc. Trans.</i> 21:609-614	
	112	Doshi et al. (1995) "Electrospinning Process and Applications of Electrospun Fibers," <i>J. Electrostatics</i> 35:151-160	
	113	Eaton, D.F. "Dye Sensitized Photo Polymerization," <i>Advances in Photochem.</i> 13:427-487	
	114	Egger et al. (1992) "Solid State NMR Investigation of Cationic Polymerized Epoxy Resins," <i>J. Appl. Poly. Sci.</i> 44:289-295	
	115	Einaga et al. (1999) "Photofunctional Vesicles Containing Prussian Blue and Azobenzene," <i>J. Am. Chem. Soc.</i> 121:3745-3750	
	116	Eitzman et al. (1994) "Heparin Neutralization by Platelet-Rich Thrombi," <i>Circulation</i> 89(4):1523-1529	
	117	Ejaz et al. (2000) "Controlled Grafting of a Well-Defined Glycopolmer on a Solid Surface by Surface-Initiated Atom Transfer Radical Polymerization," <i>Macromol.</i> 33:2870-2874	
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	118	Elbert et al. (1999) "Thin Polymer Layers Formed by Polyelectrolyte Multilayer Techniques on Biological Surfaces," <i>Langmuir</i> 15:5355-5362	
	119	Elender et al. (1996) "Functionalization of Si/SiO <sub>2</sub> and Glass Surfaces with Ultrathin Dextran Films and Deposition of Lipid Bilayers," <i>E. Biosensors Bioelectronics</i> 11:565-577	
	120	Elliott et al. (2000) "Maleimide-Functionalized Lipids that Anchor Polypeptides to Lipid Bilayers and Membranes," <i>Bioconj. Chem.</i> 11:832-841	
	121	Esmon et al. (1999) "Regulation and Functions of the Protein C Anticoagulant Pathway," <i>Haematologica</i> 84(4):363-368	
	122	Esmon et al. (1997) "The Protein C Pathway: New Insights," <i>Thromb. Haemost.</i> 78(1):70-74	
	123	Esmon, C.T. (1995) "Thrombomodulin as a Model of Molecular Mechanisms that Modulate Protease Specificity and Function at the Vessel Surface," <i>FASEB J.</i> 9(10):946-955	
	124	Esmon et al. (1982) "Isolation of a Membrane-Bound Cofactor for Thrombin-Catalyzed Activation of Protein-C," <i>J. Biol. Chem.</i> 257:859-864	
	125	Esmon, C.T. (1992) "The Protein C Anticoagulant Pathway," <i>Arteriosclerosis and Thrombosis</i> 12:135-145	
	126	Esmon et al. (1981) "Identification of an Endothelial Cell Cofactor for Thrombin-Catalyzed Activation of Protein C," <i>Proc. Nat. Acad. Sci. USA</i> 78(4):2249-2252	
	127	Esmon et al. (1983) "Proteolytic Formation and Properties of $\gamma$ Carboxygluamic Acid-Domainless Protein C," <i>J. Biol. Chem.</i> 258(9):5548-5553	
	128	Esmon et al. (1983) "Thrombomodulin Blocks the Ability of Thrombin to Activate Platelets," <i>J. Biol. Chem.</i> 258(20):12238-12242	
	129	Espana et al. (1991) "In Vivo and In Vitro Complexes of Activated Protein C with Two Inhibitors in Baboons," <i>Blood</i> 77(8):1116-1120	
	130	Faham et al. (1996) "Heparin Structure and Interactions with Basic Fibroblast Growth Factor," <i>Science</i> 271:1116-1120	
	131	Feingold et al. (1986) "Coagulation Assays and Platelet Aggregation Patterns in Human, Baboon, and Canine Blood," <i>Am. J. Vet. Res.</i> 47:2197-2199	
	132	Feng et al. (2000) "Reconstitution of Thrombomodulin into Polymerizable Phospholipid Vesicles," <i>Polymer Preprints</i> 41(2):1653-1654	
	133	Feng et al. (2002) "Functional Reconstitution of Thrombomodulin within a Substrate-Supported Membrane-Mimetic Polymer Film," <i>Langmuir</i> 18:9907-9913	
	134	Flitsch, S.L. (Dec. 2000) "Chemical and Enzymatic Synthesis of Glycopolymers," <i>Curr. Opin. Chem. Biol.</i> 4(6):619-625	
	135	Florin et al. (1993) "Painted Supported Lipid Membranes," <i>Biophys. J.</i> 64:375-383	
	136	Fong et al. (1999) "Beaded Nanofibers Formed During Electrospinning," <i>Polymer</i> 40:4585-4592	

Examiner Signature	/Hope Robinson/	Date Considered	
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	137	Foster et al. (1973) "Isolation and Amino Acid Sequences of Tropoelastin Peptides," <i>J. Biol. Chem.</i> 24:2876-2879	
	138	Frank et al. (1991) "The Role of Complement in Inflammation and Phagocytosis," <i>Immunol. Today</i> 12:322-326	
	139	Franzblau et al. (1977) "Role of Crosslinking in Fiber Formation," <i>Adv. Exp. Med. Biol.</i> 79:313-327	
	140	Galvin et al. (1987) "Reconstitution of Rabbit Thrombomodulin into Phospholipid Vesicles," <i>J. Biol. Chem.</i> 262(5):2199-2205	
	141	Gemmell et al. (1990) "The Effects of Shear Rate on the Enzymatic Activity of the Tissue Factor-Factor VIIa Complex," <i>Microvasc. Res.</i> 40(3):327-340	
	142	Gemmell et al. (1990) "Utilization of a Continuous Flow Reactor to Study the Lipoprotein-Associated Coagulation Inhibitor (LACI) that Inhibits Tissue Factor," <i>Blood</i> 76(11):2266-2271	
	143	Gentry et al. (1995) "Surface-Mediated Enzymatic Reactions: Simulations of Tissue Factor Activation of Factor X on a Lipid Surface," <i>Biophys. J.</i> 69(2):362-271	
	144	Gerling et al. (1994) "Multiple Low-Dose Streptozocin-Induced Diabetes in NOD-scid/scid Mice in the Absence of Functional Lymphocytes," <i>Diabetes</i> 43:433-440	
	145	Gill et al. (1994) "CD4 <sup>+</sup> T Cells are Both Necessary and Sufficient for Isle Xenograft Rejection," <i>Trans. Proc.</i> 26:1203-	
	146	Gir et al. (1996) "A Numerical Analysis of Factor X Activation in the Presence of Tissue Factor/Factor VIIa Complex in a Flow Reactor," <i>Ann. Biomed. Eng.</i> 24(3):394-399	
	147	Glaser et al. (1992) "Oxidation of a Specific Methionine in Thrombomodulin by Activated Neutrophil Products Blocs Cofactor Activity. A Potential Rapid Mechanism for Modulation of Coagulation," <i>J. Clin. Invest.</i> 90:2565-2573	
	148	Gnanou et al. (1998) "Synthesis of Star Shaped Poly(Ethylene Oxide)," <i>Makromol. Chem.</i> 189:2885-2892	
	149	Goeden-Wood et al. (2002) "Improved Assembly of Multimeric Genes for the Biosynthetic Production of Protein Polymers," <i>Biomacromol.</i> 3(4):874-879	
	150	Golden et al. (1990) "Healing of Polytetrafluoroethylene Arterial Grafts is Influenced by Graft Porosity," <i>J. Vasc. Surg.</i> 11(6):838-844	
	151	Goldsmith et al. (1986) "Rheological Aspects of Thrombosis and Haemostasis: Basic Principles and Applications," <i>Thromb. Haemostas.</i> 55(3):415-435	
	152	Goodson et al. (1990) "Site-Directed Pegylation of Recombinant Interleukin-2 at its Glycosylation Site," <i>Bio-Technology</i> 8:343-346	
	153	Goosen et al. (1985) "Optimization of Microencapsulation Parameters: Semipermeable Microcapsules as a Bioartificial Pancreas," <i>Biotech. Bioeng.</i> 27:146-150	
	154	Goosen et al. (1980) "Inactivation of Thrombin by Antithrombin III on a Heperinized Biomaterial," <i>Thromb. Res.</i> 20(5-6): 543-554	

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	155	Grande et al. (2001) "Glycosaminoglycan Mimetic Biomaterials. 2. Alkene- and Acrylate-Derived Glycopolymers Via Cyanoxyl-Mediated Free-Radical Polymerization," <i>Macromol.</i> 34:1640-1646	
	156	Grande et al. (2000) "Glycosaminoglycan Mimetic Biomaterials. 1. Nonsulfated and Sulfated Glycopolymers by Cyanoxyl-Mediated Free-Radical Polymerization," <i>Macromol</i> 33:1123-1125	
	157	Grande et al. (2000) "Synthesis of Non-Sulfated and Sulfated Glycopolymers," <i>Polymer Preprints</i> 41(1):1000-1001	
	158	Gray et al. (1973) "Molecular Model for Elastin Structure and Function," <i>Nature</i> 246:461-466	
	159	Gruber et al. (1991) "Antithrombotic Effects of Combining Activated Protein C and Urokinase in Nonhuman Primates," <i>Circulation</i> 84(6):2454-2462	
	160	Gruber et al. (1990) "Inhibition of Thrombus Formation by Activated Recombinant Protein C in a Primate Model of Arterial Thrombosis," <i>Circulation</i> 82(2):578-585	
	161	Gruber et al. (1989) "Inhibition of Platelet Dependent Thrombus Formation by Human Activated Protein C in a Primate Model," <i>Blood</i> 73(3):639-742	
	162	Haj Mohammadi et al. (2003) "Normal Levels of Anticoagulant Heparan Sulfate are Not Essential for Normal Hemostasis," <i>J. Clin. Invest.</i> 111:989-999	
	163	Hall et al. (1998) "Factor Xa Generation at the Surface of Cultured Rat Vascular Smooth Muscle Cells in an <i>In Vitro</i> Flow System," <i>J. Biomech. Eng.</i> 120(4):484-490	
	164	Hall et al. (1989) "Biomembranes as Models for Polymer Surfaces," <i>Biomater.</i> 10(4):219-224	
	165	Hallé et al. (1993) "Protection of Islets of Langerhans from Antibodies by Microencapsulation with Alginate-poly-L-Lysine Membranes," <i>Transplant.</i> 44:350-354	
	166	Han et al. (2001) "Studies of a Novel Human Thrombomodulin Immobilized Substrate: Surface, Characterization, and Anticoagulation Activity Evaluation," <i>J. Biomater. Sci. Polymer ed.</i> 12:1075-1089	
	167	Hanson et al. (1998) "Blood Flow and Antithrombotic Drug Effects," <i>Am. Heart J.</i> 135(5 Pt 2 SU) S132-S145	
	168	Hanson et al. (1993) "Antithrombotic Effects of Thrombin-Induced Activation of Endogenous Protein C in Primates," <i>J. Clin. Invest.</i> 92:2003-2012	
	169	Hanson et al. (1991) "Effects of Angiotensin Converting Enzyme Inhibition with Cilazapril on Intimal Hyperplasia in Injured Arteries and Vascular Grafts in the Baboon," <i>Hypertension</i> 18(4):II-70-II-76	
	170	Hanson et al. (1985) "Platelet Interactions with Dacron Vascular Grafts; A Model of Acute Thrombosis in Baboons," <i>Arteriosclerosis</i> 5(6):595-603	
	171	Harker et al. (Apr. 2000) "Effects of Megakaryocyte Growth and Development Factor on Platelet Production, Platelet Life Span, and Platelet Function in Healthy Human Volunteers," <i>Blood</i> 95(8):2514-2522	
	172	Hasegawa et al. (1995) "Quantitative Analysis of Uniaxial Molecular Orientation in	
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		Langmuir-Blodgett Films by Infrared Reflection Spectroscopy," <i>Langmuir</i> 11:1236-1243	
	173	Haskins et al. (1990) "Acceleration of Diabetes in Young NOD Mice with CD4 <sup>+</sup> Islet-Specific T Cell Clone," <i>Science</i> 249:1433-1436	
	174	Haude et al. (2003) "Heparin-Coated Stent Placement for the Treatment of Stenosis in Small Coronary Arteries of Symptomatic Patients," <i>Circulation</i> 107:1265-1270	
	175	Hayashi et al. (1999) "Hypotheses that Correlate the Sequence, Structure, and Mechanical Properties of Spider Silk Proteins," <i>Int. J. Biol. Macromol.</i> 24:271-275	
	176	Hayashi et al. (1998) "Evidence from Flagelliform Silk cDNA for the Structural Basis of Elasticity and Modular Nature of Spider Silks," <i>J. Mol. Biol.</i> 275:773-784	
	177	Hayword et al. (1986) "Biomembranes as Models for Polymer Surfaces," <i>Biomater.</i> 7:252-258	
	178	Hayword et al. (1984) "Biomembrane Surfaces as Models for Polymer Design: The Potential for Haemocompatibility," <i>Biomater.</i> 5:135-142	
	179	Hayzer et al. (1999) "cDNAs Encoding the Baboon Thrombin Receptor Indicate a Primate Transcription Start Site Upstream of Putative Sites Reported for the Human Gene," <i>Thromb. Res.</i> 98:195-201	
	180	Hayzer et al. (1993) "Characterization of a cDNA Encoding the $\beta$ -Chain of Baboon Receptor Glycoprotein BPib," <i>Gene</i> 127:271-272	
	181	He et al. (1999) "Site-Directed Polyethylene Glycol Modification of Trichosanthin: Effects on its Biological Activities, Pharmacokinetics, and Antigenicity," <i>Life Sci.</i> 64:1163-1175	
	182	Hebert et al. (1992) "A New Reagent for the Removal of the 4-Methoxybenzyl Ether: Application to the Synthesis of Unusual Macrocyclic and Bolaform Phosphatidylcholines," <i>J. Org. Chem.</i> 57:1777-1783	
	183	Helm et al. (1991) "Measurement of Ligand-Receptor Interactions," <i>Proc. Nat. Acad. Sci. USA</i> 88:8169-8173	
	184	Hergenrother et al. (2000) "Small-Molecule Microarrays: Covalent Attachment and Screening of Alcohol-Containing Small Molecules on Glass Slides," <i>J. Am. Chem. Soc.</i> 122:7849-7850	
	185	Heroguez et al. (1997) "Novel Amphiphilic Architectures by Ring-Opening Metathesis Polymerization of Macromonomers," <i>Macromol.</i> 30:4791-4798	
	186	Huang et al. (2000) "Generation of Synthetic Elastin-Mimetic Small Diameter Fibers and Fiber Networks," <i>Macromol.</i> 33:2989-2997	
	187	Hubbell et al. (1991) "Endothelial Cell-Selective Materials for Tissue Engineering in the Vascular Graft Via a New Receptor," <i>Bio/Technol.</i> 9:568-572	
	188	Hudson et al. (1997) "The Spinning of Silk-Like Proteins into Fibers," In; <i>Protein Based Materials</i> , McGrath et al., Boston, pp. 313-337	
	189	Ishihara, K. (1997) "Novel Polymeric Materials for Obtaining Blood-Compatible Surfaces," <i>TRIP</i> 5(12):401-407	
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	190	Ishihara et al. (1995) "Synthesis of Phospholipid Polymers Having a Urethane Bond in the Side Chain as Coating Material on Segmented Polyurethane and Their Platelet Adhesion-Resistant Properties," <i>Biomater.</i> 16:873-879	
	191	Ishihara et al. (1994) "Haemocompatibility on Graft Copolymers Composed of Poly(2-Methacryloyloxyethyl Phosphorylcholine) Side Chain and Poly( <i>n</i> -butyl Methacrylate) Backbone," <i>J. Biomed. Mater. Res.</i> 28:225-232	
	192	Ishihara et al. (1992) "Hemocompatibility of Human Whole Blood Polymers with a Phospholipid Polar Group and Its Mechanism," <i>J. Biomed. Mater. Res.</i> 26:1543-1552	
	193	Ishihara et al. (1990) "Reduced Thrombogenicity of Polymers Having Phospholipid Polar Groups," <i>J. Biomed. Mater. Res.</i> 24:1069-1077	
	194	Ito et al. (1992) "Cell Growth Factor Immobilized Materials," In; <i>Synthesis of Biocomposite Materials: Chemical and Biological Modified Natural Polymers</i> , Imanishi, Y. ed., Section 5.2, Boca Raton, FL, CRC Press, pp. 285-310, 314	
	195	Jackson et al. (1991) "Glycosaminoglycans: Molecular Properties, Protein Interactions, and Role in Physiological Processes," <i>Physiol. Rev.</i> 71(2):481-539	
	196	Janeway et al. (1994) "Signals and Signs for Lymphocyte Responses," <i>Cell.</i> 76:275-285	
	197	Jarpe et al. (1990) "Flow Cytometric Enumeration of Mononuclear Cell Populations Infiltrating the Islets of Langerhans in Prediabetic NOD Mice: Development of Model of Autoimmune Insulinitis for Type I Diabetes," <i>Regional Immunol.</i> 3:305-317	
	198	Kagan et al. (1980) "Repeat Polypeptide Models of Elastin as Substrates for Lysyl Oxidase," <i>J. Biol. Chem.</i> 255:3656-3659	
	199	Kalafatis et al. (1997) "The Regulation of Clotting Factors," <i>Crit. Rev. Eukaryot. Gene Expr.</i> 7:241-280	
	200	Kalafatis et al. (1996) "Regulation and Regulatory Role of $\gamma$ -Carboxyglutamic Acid Containing Clotting Factors," <i>Crit. Rev. Eukaryotic Gene Expression</i> 6(1):87-101	
	201	Karpusas et al. (1997) "The Crystal Structure of Human Interferon Beta at 2.2-A Resolution," <i>Proc. Nat. Acad. Sci. USA</i> 94:11813-11818	
	202	Katre, N.V. (1993) "The Conjugation of Proteins with Polyethylene Glycol and Other Polymers. Altering Properties of Proteins to Enhance Their Therapeutic Potential," <i>Adv. Drug Deliv. Rev.</i> 10:91-114	
	203	Kawamoto et al. (1992) "Reconstituted Collagen is Not Capable of Activating XII but Causes Intrinsic Coagulation by Activating Platelets," <i>Blood. Coagulation Fibrinolysis</i> 3(4):371-379	
	204	Ke et al. (1995) "Ovalbumin Injected with Complete Freund's Adjuvant stimulates Cytolytic Responses," <i>Eur. J. Immunol.</i> 1995:549-553	
	205	Khaled et al. (1976) "Proton Magnetic Resonance and Conformational Energy Calculations of Repeat Peptides of Tropoelastin: The Tetrapeptide," <i>J. Am. Chem. Soc.</i> 98:7547-7553	
	206	Kiick et al. (2002) "Incorporation of Azides into recombinant Proteins for	
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		Chemoselective Modification by the Staudinger Ligation," <i>Proc. Nat. Acad. Sci. USA</i> 99:19-24	
	207	Kim et al. (2000) "The Influence of Tiered Layers of Surface-Grafted Poly(ethylene Glycol) on Receptor-Ligand-Mediated Adhesion Between Phospholipid Monolayer-Stabilized Microbubbles and Coated Glass Beads," <i>Langmuir</i> 16:2808-2817	
	208	Kim et al. (Feb. 2001) "Characterizing Structural Changes in Point-Bonded Nonwoven Fabrics During Load-Deformation Experiments," <i>Textile Res. J.</i> 71(2):157-164	
	209	Kimura et al. (1992) "High-Resolution Solid-State <sup>13</sup> C Nuclear Magnetic Resonance Study of the Combined Process of <sup>1</sup> H Spin Diffusion and <sup>1</sup> H Spin-Lattice Relaxation in Semicrystalline Polymers," <i>Polymer</i> 33(3):493-497	
	210	King et al. (1987) "Alginate-Polylysine Microcapsules of Controlled Membrane Molecular Weight Cutoff for Mammalian Cell Culture Engineering," <i>Bioech. Prog.</i> 3:231-240	
	211	Kishida et al. (1995) "In Vivo and Ex Vivo Evaluation of the Antithrombogenicity of Human Thrombomodulin Immobilized Biomaterials," <i>ASAIO J.</i> 41(3):M369-374	
	212	Kishida et al. (1994) "Immobilization of Human Thrombomodulin on Biomaterials-Evaluation of the Activity of Immobilized Human Thrombomodulin," <i>Biomater.</i> 15(14):1170-1174	
	213	Kishida et al. (1994) "Immobilization of Human Thrombomodulin onto Poly(Ether Urethane urea) for Developing Antithrombogenic Blood-Contacting Materials," <i>Biomater.</i> 15(10):848-852	
	214	Kishida et al. (1994) "Immobilization of Human Thrombomodulin onto Biomaterials," <i>ASAIO J.</i> 40(3):M840-M845	
	215	Kobayashi et al. (1974) "Theory of the Kinetics of Reactions Catalyzed by Enzymes Attached to Membranes," <i>Biotech. Bioeng.</i> 16(1):77-97	
	216	Kobayashi et al. (1974) "Theory of the Kinetics of Reactions Catalyzed by Enzymes Attached to the Interior Surfaces of Tubes," <i>Biotech. Bioeng.</i> 16(1):99-118	
	217	Kogan, T.P. (1992) "The Synthesis of Substituted Methoxy-Poly(Ethylene Glycol) Derivatives Suitable for Selective Protein Modification," <i>Synth. Commun.</i> 22:2417-2424	
	218	Kohler et al. (1996) "Platelet Adhesion to Novel Phospholipid Materials: Modified Phosphatidylcholine Covalently Immobilized to Silica, Polypropylene, and PTFE Materials," <i>J. Biomed. Mater. Res.</i> 32:237-242	
	219	Kojima et al. (1991) "Interaction Between Phospholipids and Biocompatible Polymers Containing a Phosphorylcholine Moiety," <i>Biomater.</i> 12:121-124	
	220	Korbitt et al. (1996) "Large Scale Isolation, Growth, and Function of Porcine Neonatal Islet Cells," <i>J. Clin. Invest.</i> 97(9):2119-2129	
	221	Korbitt et al. (1995) "Porcine Islet Cell Antigens are Recognized by Xenoreactive Natural Human Antibodies of Both IgG and IgM Subtypes," <i>Transplant. Proc.</i> 28:821-823	
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	222	Korbutt et al. (1995) "Successful Reversal of Diabetes in Nude Mice by Transplantation of Microencapsulation Porcine Neonatal Islet Cell Aggregation," <i>Transplant. Proc.</i> 27:3212	
	223	Krejchi et al. (1994) "Chemical Sequence Control of $\beta$ -Sheet Assembly in Macromolecular Crystals of Periodic Polypeptides," <i>Science</i> 265:1427-1432	
	224	Krych et al. (1992) "Complement Receptors," <i>Curr. Opin. Immunol.</i> 4:8-13	
	225	Kuan et al. (1994) "Pseudomonas Exotoxin A Mutants. Replacement o Surface Exposed Residues in Domain II with Cysteine Residues that can be Modified with Polyethylene Glycol in a Site-Specific Manner," <i>J. Biol. Chem.</i> 269:7610-7616	
	226	Kuhlenschmidt et al. (1983) "Specificity of Chicken Liver Carbohydrate Binding Protein," <i>Biochem.</i> 23(16):3569-3575	
	227	Kuhner et al. (1994) "Lipid Mono- and Bilayer Supported on Polymer Films: Composite Polymer-Lipid Films on Solid Substrates," <i>E. Biophys. J.</i> 67:217-226	
	228	Kurfurst, M.M. (1992) "Detection and Molecular Weight Determination of Polyethylene Glycol-Modified Hirudin by Staining After Sodium Dodecyl Sulfate-Polyacrylamide Gel Electrophoresis," <i>Anal. Biochem.</i> 200:244-248	
	229	Lamparski et al. (1993) "Thermotropic Properties of Model Membranes Composed of Polymerizable Lipids. 1. Phosphatidylcholines Containing Terminal Acryloyl, Methacryloyl, and Sorbyl Groups," <i>J. Am. Chem. Soc.</i> 115:8096-8102	
	230	Lamparski et al. (1992) "Photoinduced Destabilization of Liposomes," <i>Biochem.</i> 31:685-694	
	231	Laster et al. (1988) "Heparin-Coated Catheters and Heparin-Induced Thrombocytopenia," <i>J. Vasc. Surg.</i> 7(5):667-672	
	232	Lee et al. (Aug. 2000) "Thermo-Reversible Self-Assembly of Nanoparticles Derived from Elastin-Mimetic Polypeptides," <i>Adv. Mater.</i> 12(15):1105-1110	
	233	Lenschow et al. (1992) "Long-Term Survival of Xenogeneic Pancreatic Islet Grafts Induced by CTLA4Ig," <i>Science</i> 257:789-795	
	234	Lim et al. (1980) "Microencapsulated Islet as a Bioartificial Endocrine Pancreas," <i>Science</i> 210:908-910	
	235	Lindhout et al. (1995) "Antithrombin Activity of Surface-Bound Heparin Studied Under Flow Conditions," <i>J. Biomed. Mater. Res.</i> 29(10):1255-1266	
	236	Linder et al. (1990) "Basic Fibroblast Growth Factor Stimulates Endothelial Regrowth and Proliferation in Denuded Arteries," <i>J. Clin. Invest.</i> 85:2004-2008	
	237	Loudovaris et al. (1992) "The Role of T Cells in the Destruction of Xenografts Within Cell Impermeable Membranes," <i>Transplant. Proc.</i> 24:2938	
	238	Loykulnant et al. (2000) "Protection and Polymerization of Functional Monomers. 30. Anionic Living Polymerization of 4-Alkylstyrenes Containing Acetal-Protected Monosaccharide Residues," <i>Macromol.</i> 33:4757-4764	
	239	Loykulnant et al. (1998) "Protection and Polymerization of Functional Monomers. 28. Anionic Living Polymerization of Styrene Derivatives Containing Acetal-Protected	
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		Monosaccharide Residues," <i>Macromol.</i> 31:9121-9126	
	240	Lu et al. (1996) "Comparison of Activated Protein C/Protein S-Mediated Inactivation of Human Factor VIII and Factor V," <i>Blood</i> 87(11):4708-4717	
	241	Lvov et al. (1993) "Assembly, Structural Characterization, and Thermal Behavior of Layer-by-Layer Deposited Ultrathin Films of Poly(Vinyl Sulfate) and Poly(allylamine)," <i>Langmuir</i> 9:481-486	
	242	MacDonald et al. (1991) "Small-Volume Extrusion Apparatus for Preparation of Large, Unilamellar Vesicles," <i>Biochim. Biophys. Acta.</i> 1061:297-303	
	243	Manjula et al. (2003) "Site-Specific PEGylation of Hemoglobin at cys-93(Beta): Correlation Between the Colligative Properties of the PEGylated Protein and the Length of the Conjugates PEG Chain," <i>Bioconjug. Chem.</i> 14:464-472	
	244	Mann et al. (1988) "Cofactor Proteins in the Assembly and Expression of Blood Clotting Enzyme Complexes," <i>Ann. Rev. Biochem.</i> 57:915-956	
	245	Mao et al. (1995) "Interactions, Structure and Stability of Photoreactive Bolaform Amphiphile Multilayers," <i>Langmuir</i> 11:942-952	
	246	Maoz et al. (1984) "On the Formation and Structure of Self-Assembling Monolayers," <i>J. Colloid Interface Sci.</i> 100(2):465-496	
	247	Markovich et al. (1991) "Silica Subsurface Amine Effect on the Chemical Stability and Chromatographic Properties of End-Capped Immobilized Artificial Membrane Surfaces," <i>Anal. Chem.</i> 63:1851-1860	
	248	Marra et al. (1997) "Cytomimetic Biomaterials. 1. <i>In-Situ</i> Polymerization of Phospholipids on Alkylated Surface," <i>Macromol.</i> 30(21):6483-6488	
	249	Marra et al. (1997) "Cytomimetic Biomaterials. 2. <i>in-Situ</i> Polymerization of Phospholipids on a Polymer Surface," <i>Langmuir</i> 13:5697-5701	
	250	Marra et al. (1997) "Stabilized Phosphatidylcholine Surfaces Via <i>In-Situ</i> Polymerization at a Solid-Liquid Interface," <i>Polymer Preprints</i> 38(2):682-683	
	251	Marsh et al. (1999) "Atom Transfer Polymerization: Use of Uridine and Adenosine Derivatized Monomers and Initiators," <i>J. Macromol.</i> 32:8725-8731	
	252	Martin et al. (1997) "Processing and Characterization of Protein Polymers," In; <i>Protein-Based Materials</i> , McGrath et al. Eds., Birkhauser: Boston, pp. 339-370	
	253	Martin et al. (1994) "General Method for the Synthesis of Phospholipid Derivatives of 1,2-O-diacyl-sn-Glycerols," <i>J. Org. Chem.</i> 59:4805-4820	
	254	Massia et al. (1992) "Vascular Endothelial Cell Adhesion and Spreading Promoted by Peptide REDV of the IICS Region of Plasma Fibronectin is Mediated by Integrin $\alpha_2\beta_1$ ," <i>J. Biol. Chem.</i> 267:14019-14026	
	255	Mathew et al. (1993) "Complex Coacervate Microcapsules for Mammalian Cell Culture and Artificial Organ Development," <i>Biotechnol. Prog.</i> 9:510-519	
	256	Mauk et al. (1998) "Structural Characterization of Self-Assembled Lipid Monolayers by <i>N<math>\pi</math>T</i> Simulation," <i>Langmuir</i> 14:5255-5266	
	257	Mauk et al. (1980) "Vesicle Targeting: Timed Release and Specificity for Leukocytes	
Examiner Signature	/Hope Robinson/		Date Considered

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		in Mice by Subcutaneous Injection," <i>Science</i> 207:309-311	
	258	McLean et al. (1983) "Preparation of Stable Polar Surfaces Using Polymerizable Long-Chain Diacetylene Molecules," <i>Thin Solid Films</i> 99:127-131	
	259	McMillan et al. (2000) "Synthesis and Characterization of Elastin Mimetic Protein Gels Derived from a Well-Defined Polypeptide Precursor," <i>Macromol.</i> 33:4809-4821	
	260	McMillan et al. (1999) "High-Resolution Topographic Imaging of Environmentally Responsive, Elastin-Mimetic Hydrogels," <i>Macromol.</i> 32:9067-9070	
	261	McMillan et al. (1999) "Rapid Assembly of Synthetic Genes Encoding Protein Polymers," <i>Macromol.</i> 32:3643-3648	
	262	McPherson et al. (1996) "Product Purification by Reversible Phase Transition Following <i>Escherichia coli</i> Expression of Genes Encoding up to 251 Repeats of the Elastomeric Pentapeptide GVGVP," <i>Protein Exp. Purification</i> 7:51-57	
	263	McPherson et al. (1992) "Production and Purification of a Recombinant Elastomeric Polypeptide, G-(VPGVG) <sub>19</sub> -VPGV, from <i>Escherichia coli</i> ," <i>Biotechnol. Prog.</i> 8:347-352	
	264	Merrill et al. (1970) "Polyvinyl Alcohol-Heparin Hydrogel 'G'," <i>J. Appl. Phys.</i> 29(5):723-730	
	265	Meuse et al. (1998) "Hybrid Bilayer Membranes in Air and Water: Infrared Spectroscopy and Neutron Reflectivity Studies," <i>Biophys. J.</i> 74:1388-1398	
	266	Mielczarski et al. (1989) "Fourier Transform Infrared External Reflection Study of Molecular Orientation in Spontaneously Adsorbed Layers on Low-Absorption Substrates," <i>J. Phys. Chem.</i> 93:2034-2038	
	267	Miller et al. (1988) "Both the Lyt-2 <sup>+</sup> and L3T4 <sup>+</sup> T Cell Subsets are Required for the Transfer of Diabetes in Nonobese Diabetic Mice," <i>J. Immunol.</i> 140:52-58	
	268	Minoda et al. (1995) "Synthesis of Functional Polymers Bearing Pendant Mono- and Oligo- Saccharide Residues," <i>Macromol. Symp.</i> 99:169-177	
	269	Miyata et al. (1997) "Polymers with Pendant Saccharides - 'Glycopolymers'," <i>Trends Polymer Sci.</i> 5:198-206	
	270	Miyoshi et al. (1976) "A Rapid Formation of Lysine-Derived Crosslinks by Chick Embryo Aorta," <i>J. Biochem. (Tokyo)</i> 79:1235-1243	
	271	Monkarsh et al. (1997) "Positional Isomers of Monopegylated Interferon $\alpha$ -2a: Isolation, Characterization, and Biological Activity," <i>Anal. Biochem.</i> 247(2):434-440	
	272	Monshipouri et al. (1995) "Liposome-Encapsulated Alginate: Controlled Hydrogel Particle Formation and Release," <i>Microencapsulation</i> 12(2):117-127	
	273	Moore et al. (1983) "Ion-Binding Properties of Poly(iminomethylene( <i>cis</i> -tetrahydro-2,5-furandiyl)carbonyl) and Poly(oxyomethylene( <i>cis</i> -tetrahydro-2,5-furandiyl)-carbonyl)," <i>Macromol.</i> 16:338-339	
	274	Morpurgo et al. (1996) "Preparation and Characterization of Poly(Ethylene Glycol) Vinyl Sulfone," <i>Boconjug. Chem.</i> 7:363-368	
	275	Moses et al. (1990) "Xenogeneic Proliferation and Lymphokine Production are Dependent Upon CD4 <sup>+</sup> Helper T Cells and Self Antigen-Presenting Cells in the	
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		Mouse," <i>Exp. Med.</i> 172:567-575	
	276	Moya et al. (2000) "Lipid Coating on Polyelectrolyte Surface Modified Colloidal Particles and Polyelectrolyte Capsules," <i>Macromol.</i> 33:4538-4544	
	277	Muller-Eberhard, H.I. (1988) "Molecular Organization and Function of the Complement System," <i>Ann. Rev. Biochem.</i> 57:321-347	
	278	Nagahori et al. (2001) "Tailored Glycolpolymers: Controlling the Carbohydrate-Protein Interaction Based on Template Effect," <i>Biomacromolecules</i> 2:22-24	
	279	Nagashima et al. (1993) "Alanine-Scanning Mutagenesis of the Epidermal Growth Factor-Like Domains of Human Thrombomodulin Identifies Critical Residues for its Cofactor Activity," <i>J. Biol. Chem.</i> 268:2888-2892	
	280	Nagle et al. (1996) "X-Ray Structure Determination of Fully Hydrated L <sub>α</sub> Phase Dipalmitoylphosphatidylcholine Bilayers," <i>Biophys. J.</i> 70:1419-1431	
	281	Nah et al. (2000) "Polymeric Micelle Formation of Multiblock Copolymer Composed of Poly(γ-Benzyl L-Glutamate) and Poly(Ethylene Oxide)," <i>Bull. Korean Chem. Soc.</i> 21(4):383-388	
	282	Nah et al. (2000) "Drug-Delivery System Based on Core-Shell-Type Nanoparticles Composed of Poly(γ-Benzyl L-Glutamate) and Poly(Ethylene Oxide)," <i>J. Appl. Polymer Sci.</i> 75:1115-1126	
	283	Nemerson et al. (1991) "The Effect of Flow on Hemostasis and Thrombosis," <i>Thromb. Haemost.</i> 66(3):272-276	
	284	Nickerson et al. (1993) "Analysis of Cytokine Transcripts in Mancreatic Islet Cell allografts During Rejection and Tolerance Induction," <i>Transplantation Proc.</i> 25:984-985	
	285	Nielsen et al. (Apr. 1988) "Glycolamide Esters as Biolabile Prodrugs of Carboxylic Acid Agents: Synthesis, Stability, Bioconversion, and Physicochemical Properties," <i>J. Pharm. Sci.</i> 77(4):285-298	
	286	Nojiri et al. (1996) "Can Heparin Immobilized Surfaces Maintain Immobilized Polymer Surfaces," <i>ASAIO J.</i> 42(5):M468-M475	
	287	Nojiri et al. (1990) <i>In Vivo</i> Nonthrombogenicity of Heparin Immobilized Polymer Surfaces," <i>ASAIO Trans.</i> 36(3):M168-M172	
	288	Nomura et al. (1996) "Preparation of 'Sugar-coated' Homopolymers and Multiblock ROMP Copolymers," <i>Macromol.</i> 29:540-545	
	289	O'Brien et al. (1998) "Polymerization of Preformed Self-Organized Assemblies," <i>Acc. Chem. Res.</i> 31:861-868	
	290	O'Connell et al. (1993) "Unmodified Pancreatic Islet Allograft Rejection Results in the Preferential Expression of Certain T Cell Activation Transcripts," <i>J. Immunol.</i> 150:1093-1104	
	291	O'Donnell et al. (1992) "Radiation Degradation of Linear Low Density Polyethylene: Determination of Lamellae Thickness, Crystallinity and Crosslinking by Solid-State <sup>13</sup> C NMR and DSC," <i>Rad. Phys. Chem.</i> 36(20):209-214	
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	292	O'Donnell et al. (1992) "A Solid-State <sup>13</sup> C-NMR Study of Crosslinking in Polybutadiene by $\gamma$ Radiation: Effect of Microstructure and Dose," <i>J. Polym. Chem. Ed.</i> 30:185-195	
	293	Ohno et al. (1999) "Nitroxide-Controlled Free Radical Polymerization of a Sugar-Carrying Acryloyl Monomer," <i>Macromol. Chem. Phys.</i> 200:1619-1625	
	294	Ohno et al. (1998) "Synthesis of a Well-Defined Glycopolymer by Nitroxide-Controlled Free Radical Polymerization," <i>Macromol.</i> 31:1064-1069	
	295	Ohno et al. (1998) "Synthesis of a Well-Defined Glycopolymer by Atom Transfer Radical Polymerization," <i>J. Polym. Sci. A. Polym. Chem.</i> 36:2473-2481	
	296	Ohno et al. (1998) "Free Radical Polymerization of a Sugar Residue-Carrying Styryl Monomer with a Lipophilic Alkoxyamine Initiator: Synthesis of a Well-Defined Novel Glycolipid," <i>Macromol. Chem. Phys.</i> 199:2193-2197	
	297	Ohno et al. (1987) "Polymerization of Liposomes Composed of Diene-Containing Lipids by UV and Radical Initiators: Evidence for the Different Chemical Environment of Diene Groups on 1- and 2-Acyl Chains," <i>Macromol.</i> 20:929-933	
	298	Ohno et al. (1987) "Polymerization of Liposomes Composed of Diene-Containing Lipids by Radical Initiators. II. Polymerization of Monodiene-Type Lipids as Liposomes," <i>J. Polym. Sci. A. Polym. Chem.</i> 25:2737-2746	
	299	Orban et al. (2000) "Cytomimetic Biomaterials. 4. In-Situ Photopolymerization of Phospholipids on an Alkylated Surface," <i>Macromol.</i> 33(11):4205-4212	
	300	Ornitz et al. (1995) "FGF Binding and FGF Receptor Activation by Synthetic Heparan-Derived Di- and Trisaccharides," <i>Science</i> 268:432-434	
	301	Otani et al. (1996) "Rapidly Curable Biological Glue Composed of Gelatin and Poly(L-Glutamic Acid)," <i>Biomater.</i> 17(14):1387-1391	
	302	Owen et al. (1981) "Functional Properties of an Endothelial Cell Cofactor for Thrombin-Catalyzed Activation of Protein C," <i>J. Biol. Chem.</i> 256(11):5532-5535	
	303	Packer et al. (1984) "The Effects of Morphology on <sup>1</sup> H NMR Spectra and Relaxation in Semicrystalline Polyolefins," <i>J. Polym. Sci. Polym. Phys.</i> 22:589-616	
	304	Panitch et al. (1999) "Design and Biosynthesis of Elastin-Like Artificial Extracellular Matrix Proteins Containing Periodically Spaced Fibronectin CS5 Domains," <i>Macromol.</i> 32:1701-1703	
	305	Parikh et al. (1994) "An Intrinsic Relationship Between Molecular Structure in Self-Assembled <i>n</i> -alkylsiloxane Monolayers and Deposition Temperature," <i>J. Phys. Chem.</i> 98:7577-7590	
	306	Parker et al. (1996) "Transplantation of Discordant Xenografts: A Challenge Revisited," <i>Immunol. Today</i> 17:373-378	
	307	Parkinson et al. (1992) "Structure-Function Studies of the Epidermal Growth-Factor Domains of Human Thrombomodulin," <i>Biochem. Biophys. Res. Commun.</i> 185:567-576	
	308	Pasquali-Ronchetti et al. (1998) "Study of Elastic Fiber Organization by Scanning	

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		Force Microscopy," <i>Matrix Biol.</i> 17:75-83	
	309	Pasquali-Ronchetti et al. (1995) "Ultrastructure of Elastin," <i>Ciba Foundation Symp.</i> 192:31-50	
	310	Pearce et al. (1993) "Comparison of the Membrane Binding Kinetics of Bovine Prothrombin and Its Fragment 1," <i>J. Biol. Chem.</i> 268:22984-22991	
	311	Peterson et al. (1996) "Transfer of Diabetes in the NOD- <i>scid</i> Mouse by CD4 T-Cell Clones: Differential Requirement for CD8 T-Cells," <i>Diabetes</i> 45:328-336	
	312	Petka et al. (1998) "Reversible Hydrogels from Self-Assembling Artificial Proteins," <i>Science</i> 281:389-392	
	313	Petitou et al. (1999) "Synthesis of Thrombin-Inhibiting Heparin Mimetics Without Side Effects," <i>Nature</i> 398:417-422	
	314	Petitou et al. (1998) "First Synthetic Carbohydrates with the Full Anticoagulant Properties of Heparin," <i>Chem. Int. Ed.</i> 37:3009-3014	
	315	Pierson et al. (1989) "CD4 <sup>+</sup> Lymphocytes Play a Dominant Role in Murine Xenogeneic Responses," <i>Trans. Proc.</i> 21:519	
	316	Plant et al. (1995) "Phospholipid/Alkanethiol Bilayers for Cell-Surface Receptor Studies by Surface Plasmon Resonance," <i>Anal. Biochem.</i> 226:342-348	
	317	Plant, A.L. (1993) "Self-Assembled Phospholipid/Alkanethiol Biomimetic Bilayers on Gold," <i>Langmuir</i> 9:2764-2767	
	318	Plant et al. (1989) "Generic Liposome Reagent for Immunoassays," <i>Anal. Biochem.</i> 176:420-426	
	319	Ponpipom et al. (1980) "Isolation of 1,3-Distearoyl-Glycero-2-Phosphocholine ( $\beta$ -Lectin) from Commercial 1,2-Distearoyl- <i>sn</i> -Glycero-3-Phosphocholine," <i>Lipid Res.</i> 21:136-139	
	320	Pourdeyehimi et al. (1999) "Measuring Fiber Diameter Distribution in Nonwovens," <i>Textile Res. J.</i> 69:233-236	
	321	Qiu et al. (1994) "Protein Kinase C-Dependent and -Independent Pathways of Mitogen-Activated Protein Kinase Activation in Macrophages by Stimuli that Activate Phospholipase A <sub>2</sub> ," <i>J. Biol. Chem.</i> 269:19480-19487	
	322	Rand et al. (1996) "Blood Clotting in Minimally Altered Whole Blood," <i>Blood</i> 88(9):3432-3445	
	323	Rapaka et al. (1978) "Non-Elastomeric Polypeptide Models of Elastin," <i>Int. J. Pept. Protein Res.</i> 11:109-127	
	324	Regen et al. (1983) "Polymer-Supported Membranes. A New Approach for Modifying Polymer Surfaces," <i>Macromol.</i> 16:335-338	
	325	Reneker et al. (1996) "Nanometre Diameter Fibers of Polymer, Produced by Electrospinning," <i>Nanotechnol.</i> 7:216-223	
	326	Reneker et al. (1995) "Electrospun Polyaramid Fibers: Structure and Morphology," <i>Bull. Am. Phys. Soc.</i> 40:351 Abstract	

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	327	Rifkin et al. (1989) "Recent Developments in the Cell Biology of Basic Fibroblast Growth Factor," <i>J. Cell. Biol.</i> 109:1-6	
	328	Ringsdorf et al. (1988) "Molecular Architecture and Function of Polymeric Oriented System: Models for the Study of Organization, Surface Recognition, and Dynamics of Biomembranes," <i>Angew Chem. Int. Ed. Engl.</i> 27:113-158	
	329	Roach et al. (1957) "The Reason for the Shape of the Distensibility Curves of Arteries," <i>Can. J. Biochem. Physiol.</i> 25:681-690	
	330	Roberts et al. (1996) "Dopamine Secretion by PC12 Cells Microencapsulated in a Hydroxymethyl Methacrylate-Methyl Methacrylate Copolymer," <i>Biomater.</i> 17:267-275	
	331	Roberts et al. (2002) "Chemistry for Peptide and Protein PEGylation," <i>Adv. Drug Deliv. Rev.</i> 54:459-476	
	332	Robins et al. (1982) "Analysis of the Crosslinking Components in Collagen and Elastin," <i>Methods Biochem. Anal.</i> 28:329-379	
	333	Rosen et al. (1991) "Regulation of Motility in Bovine Brain Endothelial Cells," <i>J. Cell. Physiol.</i> 146:325-335	
	334	Roy et al. (2000) "Synthesis and Fluorescence Properties of New Fluorescent, Polymerizable, Metal-Chelating Lipids," <i>J. Org. Chem.</i> 65:3644-3651	
	335	Roy, R. (1997) "Recent Developments in the Rational Design of Multivalent Glycoconjugates," <i>Top. Curr. Chem.</i> 187:241-274	
	336	Roy, R. (1996) "Synthesis and Some Applications of Chemically Defined Multivalent Glycoconjugates," <i>Curr. Opin. Struct. Biol.</i> 6:692-702	
	337	Sabatani et al. (1987) "Organized Self-Assembling Monolayers on Electrodes. 2. Monolayer-Based Ultramicroelectrodes for the Study of Very Rapid Electrode Kinetics," <i>J. Phys. Chem.</i> 91:6663-6669	
	338	Sackmann et al. (2000) "Supported Membranes on Soft Polymer Cushions: Fabrication, Characterization and Applications," <i>Trans. Biotechnol.</i> 18:58-64	
	339	Sadler, J.E. (1997) "Thrombomodulin Structure and Function," <i>Thromb. Haemst.</i> 78:392-395	
	340	Sakai et al. (1998) "Molecular Orientation in Langmuir Film of 12-Hydroxystearic Acid Studied by Infrared External-Reflection Spectroscopy," <i>Langmuir</i> 14:6249-6255	
	341	Sakata et al. (1985) "Activated Protein C Stimulates the Fibrinolytic Activity of Cultured Endothelial Cells and Decreases Antiactivator Activity," <i>Proc. Nat. Acad. Sci. USA</i> 82(4):1121-1125	
	342	Sandberg et al. (1985) "Elastin Covalent Structure as Determined by Solid Phase Amino Acid Sequencing," <i>Pathol. Biol.</i> 33:266-274	
	343	Sandberg et al. (1981) "Elastin Structure, Biosynthesis, and Relation to Disease States," <i>N. Eng. J. Med.</i> 304:566-579	
	344	Sandberg et al. (1977) "Primary Structure of Porcine Tropoelastin," <i>J. Adv. Exp. Med. Biol.</i> 79:277-284	
	345	Santin et al. (1996) "Synthesis and Characterization of a New Interpenetrated Poly(2-	
Examiner Signature	/Hope Robinson/		Date Considered

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		Hydroxyethylmethacrylate)-Gelatin Composite Polymer," <i>Bioamaterials</i> 17(15):1459-1467	
	346	Sato et al. (1988) "Autocrine Activities of Basic Fibroblast Growth Factor: Regulation of Endothelial Cell Movement, Plasminogen Activator Synthesis and DNA Synthesis," <i>J. Cell. Biol.</i> 107:1199-1205	
	347	Saxon et al. (2000) "Cell Surface Engineering by a Modified Staudinger Reaction," <i>Science</i> 287:2007-2010	
	348	Schmidt et al. (1989) "Recent Developments in the Synthesis of Glycoconjugates," <i>Pure Appl. Chem.</i> 61(7):1257-1270	
	349	Sefton, M.V. (1989) "Blood, Guts, and Chemical Engineering," <i>Can. J. Chem. Eng.</i> 67:705-712	
	350	Seifert et al. (1993) "Charge Transport by Ion Translocating Membrane Proteins on Solid Supported Membranes," <i>Biophys. J.</i> 64:384-391	
	351	Seitz et al. (1998) "Formation of Tethered Supported Bilayers Via Membrane-Inserting Reactive Lipids," <i>Thin Solid Films</i> 329:767-771	
	352	Sells et al. (1994) "Two-Dimensional Polymerization of Lipid Bilayers: Degree of Polymerization of Acryloyl Lipids," <i>Macromol.</i> 27:226-233	
	353	Serruys et al. (1998) "Randomised Comparison of Implantation of Heparin-Coated Stents with Balloon Angioplasty in Selected Patients with Coronary Artery Disease (Benestent II)," <i>Lancet</i> 352:673-681	
	354	Shen et al. (2001) "Polymer-Supported Lipid Bilayers on Benzophenone-Modified Substrates," <i>Biomacromol.</i> 2:70-79	
	355	Shi et al. (2001) "Release Behavior of Thin-Walled Microcapsules Composed of Polyelectrolyte Multilayers," <i>Langmuir</i> 17:2036-2042	
	356	Shoji et al. (1993) "Human and Baboon Integrin $\beta_5$ Subunit-Encoding MRNAs Have Alternative Polyadenylation Sites," <i>Gene</i> 133:307-308	
	357	Shultz et al. (1995) "Multiple Defects in Innate and Adaptive Immunologic Function in NOD/LtSz-scid Mice," <i>J. Immunol.</i> 154:180-191	
	358	Siedlecki et al. (1994) "Interactions of Human Von Willebrand Factor with a Hydrophobic Self-Assembled Monolayer Studied by Atomic Force Microscopy," <i>Biomed. Mater. Res.</i> 28:971-980	
	359	Slack et al. (1993) "The Effects of Flow on Blood Coagulation and Thrombosis," <i>Thromb. Haemost.</i> 70(1):129-134	
	360	Slack et al. (1994) "Flow Chambers and Their Standardization for Use in Studies of Thrombosis," <i>Thromb. Haemost.</i> 72(5):777-781	
	361	Smirnov et al. (1999) "The Effect of Membrane Composition on the Hemostatic Balance," <i>Biochem.</i> 38(12):3591-3598	
	362	Smirnov et al. (1994) "Phosphatidylethanolamine Incorporation into Vesicles Selectively Enhances Factor Va Inactivation by Activated Protein C," <i>J. Biol. Chem.</i> 269(2):816-819	
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	363	Snyder et al. (1978) "Vibrational Spectra in the C-H Stretching Region and the Structure of the Polymethylene Chain," <i>Spectrochim. Acta. A</i> 34A:395-406	
	364	Solletti et al. (1996) "Elaboration and Characterization of Phospholipid Langmuir-Blodgett Films," <i>Langmuir</i> 1:5379-5386	
	365	Spinke et al. (1992) "Polymer-Supported Bilayer on a Solid Substrate," <i>Biophys. J.</i> 63:1667-1671	
	366	Stoll et al. (1988) "Improved Procedure for the Construction of Neoglycolipids Having Antigenic and Lactin-Binding Activities, from Reducing Oligosaccharides," <i>Biochem. J.</i> 256:661-664	
	367	Sun et al. (1993) "Ultrathin Self-Assembled Polymeric Films on Solid Surfaces. 2. Formation of 11-( <i>n</i> -Pentylidithio)undecanoate-Bearing Polyacrylate Monolayers on Gold," <i>Langmuir</i> 9:3200-3207	
	368	Sun et al. (1996) "Spontaneous Polymer Thin Film Assembly and Organization Using Mutually Immiscible Side Chains," <i>J. Am. Chem. Soc.</i> 118:1856-1866	
	369	Sun et al. (1994) "Ultrathin Self-Assembled Polymeric Films on Solid Surfaces. III. Influence of Arcylate Dithioalhyl Side Chain Length on Polymeric Monolayer Formation on Gold," <i>J. Vac. Sci. Technol.</i> 12:2499-2506	
	370	Sun et al. (1998) "The Synthesis of Neoglycophospholipid Conjugates Via Reductive Animation of $\omega$ -Oxoalkylglycosides and Phosphatidylethanolamines," <i>Carb. Res.</i> 370:77-81	
	371	Sun et al. (1997) "Neoglycophospholipids with Alkyl Spacers: Synthesis Via an Improved Reductive Animation and Monolayer Properties," <i>Bioconjug. Chem.</i> 8:567-571	
	372	Sun et al. (1996) "Normalization of Diabetes in Spontaneously Diabetic Cynomologus Monkeys by Xenografts of Microencapsulated Porcine Islets Without Immunosuppression," <i>J. Clin. Invest.</i> 98:1417-1422	
	373	Sun et al. (2006) "Carbohydrate and Protein Immobilization onto Solid Surfaces by Sequential Diels-Alder and Azide-Alkyne Cycloadditions," <i>Bioconjug. Chem.</i> 17:52-57	
	374	Suzuki et al. (1988) "Thrombomodulin Precursor," NCBI Accession No. P07204	
	375	Takeuchi et al. (1992) "Heart Allografts in Murine Systems: The Differential Activation of Th2-Like Effector Cells in Peripheral Tolerance," <i>Transplant.</i> 53:1281-1294	
	376	Tasumi et al. (1962) "Normal Vibrations and Force Constants of Polymethylene Chain," <i>J. Mol. Spectrosc.</i> 9:261-287	
	377	Tendian et al. (1991) "Evidence from Total Internal Reflection Fluorescence Microscopy for Calcium-Independent Binding of Prothrombin to Negatively Charged Planar Phospholipid Membranes," <i>Biochem.</i> 30:10991-10999	
	378	Terranova et al. (1985) "Human Endothelial Cells are Chemotactic to Endothelial Cell Growth Factor and Heparin," <i>Cell. Biol.</i> 101:2330-234	
	379	Thomas et al. (1987) "Raman Amide Bands of Type-II $\beta$ -Turns in Cyclo-(VPGVG) <sub>3</sub> and Poly(VPGVG), and Implications for Protein Secondary-Structure Analysis,"	
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		<i>Biopolymers</i> 26:921-934	
	380	Toshima et al. (1993) "Recent Progress on O-Glycosylation Methods and Its Applications to Natural Products Synthesis," <i>Chem. Rev.</i> 93:1503-1531	
	381	Tseng et al. (Apr. 2006) "Membrane-Mimetic Films Containing Thrombomodulin and Heparin Inhibit Tissue Factor-Induced Thrombin Generation in a flow Model," <i>Biomater.</i> 27(12):2637-2650	
	382	Tseng et al. (May 2006) "Catalytic Efficiency of Thrombomodulin-Functionalized Membrane-Mimetic Film in a Flow Model," <i>Biomater.</i> 27(13):2768-2775	
	383	Tsutsumi et al. (2000) "Site-Specific Chemical Modification with Polyethylene Glycol of Recombinant Immunotoxin Anti-Tac(Fv)-PE38 (LMB-2) Improves Antitumor Activity and Reduces Animal Toxicity and Immunogenicity," <i>Proc. Nat. Acad. Sci. USA</i> 97:8548-8553	
	384	Turitto et al. (1998) "Mechanical Factors Affecting Hemostasis and Thrombosis," <i>Thromb. Res.</i> 92(6Sup. 2):S25-S310	
	385	Ueda et al. (1992) "Preparation of 2-Methacryloyloxyethyl Phosphorylcholine Copolymers with Alkyl Methacrylates and Their Blood Compatibility," <i>Polym. J.</i> 24(11):1259-1269	
	386	Uldag et al. (1993) "Metabolic Activity and Proliferation of CHO Cells in Hydroxyethyl Methacrylate-Methyl Methacrylate (HEMA_MMA) Microcapsules," <i>Cell Transplant.</i> 2:175-182	
	387	Urry et al. (1997) "Protein-Based Materials with a Profound Range of Properties and Applications: The Elastin $\Delta T_t$ Hydrophobic Paradigm," McGrath et al. Eds., Birkhauser: Boston, pp. 133-177	
	388	Urry et al. (1995) "Molecular Biophysics of Elastin Structure, Function and Pathology," <i>Ciba Foundation Symp.</i> 192:4-30	
	389	Urry, D.W. (1993) "Molecular Machines: How Motion and Other Functions of Living Organisms can Result from Reversible Chemical Changes," <i>Angew. Chem. Int. Ed. Engl.</i> 32:819-841	
	390	Urry et al. (1989) "Two-Dimensional Proton NMR Studies on Poly(VPGVG) and Its Cyclic Conformational Correlate, Cyclo(VPGVG) <sub>3</sub> ," <i>Biopolymers</i> 28:819-833	
	391	Urry, D.W. (1988) "Entropic Elastic Processes in Protein Mechanisms. I. Elastic Structure Due to an Inverse Temperature Transition and Elasticity Due to Internal Chain Dynamics," <i>J. Prot. Chem.</i> 7(1):1-34	
	392	Urry et al. (1986) "Polytetrapeptide of Elastin," <i>Int. J. Pept. Protein Res.</i> 28:649-660	
	393	Urry et al. (1985) "Polypentapeptide of Elastin: Temperature Dependence of Ellipticity and Correlation with Elastomeric Force," <i>Biochem. Biophys. Res. Commun.</i> 130:50-57	
	394	Urry et al. (1985) "Phase-Structure Transitions of the Elastin Polypentapeptide-Water System within the Framework of Composition-Temperature Studies," <i>Biopolymers</i> 24:2345-2356	

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	395	Urry et al. (1975) "Studies on the Conformation and Interactions of Elastin Secondary Structure of Synthetic Repeat Hexapeptides," <i>Biochim. Biophys. Acta.</i> 393:296-306	
	396	Urry et al. (1974) "Studies on the Conformation and Interactions of Elastin. Proton Magnetic Resonance of the Repeating Pentapeptide," <i>Biochem.</i> 13:609-616	
	397	van Ackern et al. (1998) "Ultrathin Membranes for Gas Separation and Pervaporation Prepared Upon Electrostatic Self-Assembly of Polyelectrolytes," <i>Thin Solid Films</i> 329:762-766	
	398	van Boeckel (1993) "The Unique Antithrombin III Binding Domain of Heparin: A Lead to New Synthetic Antithrombotics," <i>Chem Int. Ed. Engle.</i> 32(12):1671-1690	
	399	Van Den Bulcke et al. (2000) "Structural and Rheological Properties of Methacrylamide Modified Gelatin Hydrogels," <i>Biomacromolecules</i> 1:31-38	
	400	Vanderhart, D.L. (1990) "Proton Spin Diffusion as a Tool for Characterizing Polymer Blends," <i>Makromol. Chem. Macromol. Symp.</i> 34:125-159	
	401	van't Veer (1997) "Inhibitory Mechanism of the Protein C Pathway on Tissue Factor-Induced Thrombin Generation," <i>J. Biol. Chem.</i> 272(12):7983-7984	
	402	Vasilets et al. (1997) "Microwave CO <sub>2</sub> Plasma-Initiated Vapour Phase Graft Polymerization of Acrylic Acid onto Polytetrafluoroethylene for Immobilization of Human Thrombomodulin," <i>Biomater.</i> 18(17):139-1145	
	403	Veronese, F.M. (2001) "Peptide and Protein PEGylation: A Review of Problems and Solutions," <i>Biomater.</i> 22:405-417	
	404	Viitala et al. (2000) "Protein Immobilization to a Partially Cross-Linked Organic Monolayer," <i>Langmuir</i> 16:4953-4961	
	405	Wall et al. (1978) "Human Endothelial Cell Migration: Stimulation by a Released Platelet Factor," <i>Lab Invest.</i> 39(5):523-529	
	406	Wang et al. (1993) "Synthesis of Phospholipid-Inhibitor Conjugates by Enzymatic Transphosphatidylation With Phospholipase D," <i>J. Am. Chem. Soc.</i> 115:10487-10491	
	407	Wang et al. (2003) "Bioconjugation by Copper(I)-Catalyzed Azide-Alkyne [3+2] Cycloaddition," <i>J. Am. Chem. Soc.</i> 125(11):3192-3193	
	408	Wasserman et al. (1990) "A Molecular Dynamics Investigation of the Elastomeric Restoring Force in Elastin," <i>Biopolymers</i> 29:1613-1631	
	409	Wasserman et al. (1989) "The Structure of Self-Assembled Monolayers of Alkylsiloxanes on Silicon: A Comparison of Results from Ellipdometry and Low-Angle X-ray Reflectivity,"	
	410	Weber et al. (1997) "CTLA4-Ig Prolongs Survival of Microencapsulated Neonatal Porcine Islet Xenografts in Diabetic NOD Mice," <i>Cell Transplant.</i> 6(5):505-508	
	411	Weber et al. (1995) "Encapsulated Islet Iso-, Allo, and Xenografts in Diabetic NOD Mice," <i>Trans. Proc.</i> 27:3308-3311	
	412	Weber et al. (1994) "NOD Mouse Peritoneal Cellular Response to Poly-L-Lysine-Alginate Microencapsulated Rat Islets," <i>Trans. Proc.</i> 26:1116-1119	
	413	Weber et al. (1990) "Microencapsulated Dog and Rat Islet Xenografts into	
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		Streptozotocin-Diabetic and NOD Mice," <i>Horm. Metab. Res.</i> 35:219-226	
	414	Weber et al. (1990) "The Role of CD4 <sup>+</sup> Helper T Cells in Destruction of Microencapsulation Islet Xenografts in NOD Mice," <i>Transplantation</i> 49(2):396-404	
	415	Weber et al. (1999) "Long-Term Survival of Poly-L-Lysine-Alginate Microencapsulated Rat, Rabbit, and Pig Islet Xenografts in Spontaneously Diabetic NOD Mice," In, <i>Cell Encapsulation Technology and Therapeutics</i> , Kuhtreiber et al. eds., Ch. 11, Springer-Verlag, New York, pp. 117-137	
	416	Weiler et al. (2003) "Thrombomodulin," <i>J. Thromb. Haemost.</i> 1:1515-1524	
	417	Weiner et al. (1985) "Liposome-Collagen Gel Matrix: A Novel Sustained Drug Delivery System," <i>J. Pharm. Sci.</i> 74(9):922-925	
	418	Welsh et al. (2000) "Engineering the Extracellular Matrix: A Novel Approach to Polymeric Biomaterials. I. Control of the Physical Properties of Artificial Protein Matrices Designed to Support Adhesion of Vascular Endothelial Cells," <i>Biomacromolecules</i> 1:23-30	
	419	Westerduin et al. (1996) "Synthesis of Tailor-Made Glycoconjugates Showing AT III-Mediated Inhibition of Blood Coagulation Factors Xa and Thrombin," <i>Chem. Int. Ed. Engl.</i> 35:331-333	
	420	Westman et al. (1995) "Synthesis and Fibroblast Growth Factor Binding of Oligosaccharides Related to Heparin and Heparan Sulphate," <i>J. Carb. Chem.</i> 14:95-113	
	421	Wick et al. (1987) "Unusually Large Von Willebrand Factor Multimers Increase Adhesion of Sick Erythrocytes to Human Endothelial Cells Under Controlled Flow," <i>J. Clin. Invest.</i> 80:905-910	
	422	Widder et al. (1985) "Theory and Practice of Prodrug Kinetics," <i>Methods Enzymol.</i> 42:309-323	
	423	Wilbur et al. (2000) "Biotin Reagents for Antibody Pretargeting. 4. Selection of Biotin Conjugates for <i>In Vivo</i> Application Based on their Dissociation Rate from Avidin and Streptavidin," <i>Bioconjug. Chem.</i> 11:569-583	
	424	Winger et al. (1999) "Formation and Stability of Complex Membrane-Mimetic Monolayers on Solid Supports," <i>Langmuir</i> 15:3866-3874	
	425	Winger et al. (1998) "Synthesis and Characterization of Supported Phospholipid Monolayers: A Correlative Investigation by Radiochemical Titration and Atomic Force Microscopy," <i>Langmuir</i> 14:4148-4155	
	426	Winger et al. (1998) "Synthesis and Characterization of Supported Bioactive Lipid Membranes," In; <i>Materials Science of the Cell</i> , Plant et al. Eds., MRS Publications, Pittsburgh, pp. 113-118	
	427	Winger et al. (1997) "Behavior of Lipid-Modified Peptides in Membrane-Mimetic Monolayers at the Air/Water Interface," <i>Langmuir</i> 13:3256-3259	
	428	Winger et al. (1996) "Lipopeptide Conjugates: Biomolecular Building Blocks for Receptor Activating Membrane-Mimetic Structures," <i>Biomater.</i> 17:443-449	

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	430	Winger et al. (1995) "Purification of Synthetic Lipopeptide Conjugates by Liquid Chromatography," <i>J. Liquid Chromatogr.</i> 18:4117-4125	
	431	Wohrle et al. (2001) "Comparison of the Heparin Coated vs the Uncoated Jostent – No Influence on Restenosis or Clinical Outcome," <i>Eur. Heart J.</i> 22:1808-1816	
	432	Woghiren et al. (1993) "Protected Thiol-Polyethylene Glycol: A New Activated Polymer for Reversible Protein Modification," <i>Bioconjug. Chem.</i> 4:314-318b	
	433	Wong et al. (1988) "Intriguing Absorption Band Behavior of IR Reflectance Spectra of Silicon Dioxide on Silicon," <i>Appl. Spectrosc.</i> 42(4):598-604	
	434	Wood et al. (2003) "NMR Structures Reveal How Oxidation Inactivates Thrombomodulin," <i>Biochem.</i> 42:11932-11942	
	435	Wright et al. (Oct. 2002) "Self-Assembly of Block Copolymers Derived from Elastin-Mimetic Polypeptide Sequences," <i>Adv. Drug Deliv. Rev.</i> 54(8):1057-1073	
	436	Wright et al. (Feb. 2002) "Thermoplastic Elastomer Hydrogels Via Self-Assembly of an Elastin Mimetic Triblock Polypeptide," <i>Adv. Funct. Mater.</i> 12:149-154	
	437	Xiao et al. (1995) "Preparation, Structure, and Mechanical Stability of Alkylsilane Monolayers on Mica," <i>Langmuir</i> 11(5):1600-1604	
	438	Yamada et al. (1999) "Controlled Synthesis of Amphiphilic Block Copolymers with Pendant N-acetyl-D-Glucosamine Residues by Living Cationic Polymerization and Their Interaction With WGA Lectin," <i>Macromol.</i> 32:3553-3558	
	439	Yamada et al. (1997) "Controlled Synthesis of Glycopolymers with Pendant D-Glucosamine Residues by Living Cationic Polymerization," <i>J. Polym. Sci. A Polym. Chem.</i> 35:751-757	
	440	Yamamoto et al. (2003) "Site-Specific PEGylation of a Lysine-Deficient TNF-Alpha with Full Bioactivity," <i>Nature Biotechnol.</i> 21:546-552	
	441	Yen et al. (1989) "Infrared Reflectance Properties of Surface Thin Films," <i>J. Phys. Chem.</i> 93:7208-7216	
	442	Yoshioka et al. (1990) "Encapsulation of Mammalian Cell With Chitosan-CMC Capsule," <i>Biotechnol. Bioeng.</i> 35:66-72	
	443	Yu et al. (1997) "Smectic Ordering in Solutions and Films of a Rod-Like Polymer Owing to Monodispersity of Chain Length," <i>Nature</i> 389:167-170	
	444	Zhang et al. (1989) "Synthesis of 4% Glu-Containing Val <sup>1</sup> and Ile <sup>1</sup> -Polypentapeptides: Model Protein Systems for Demonstrating Mechanochemical Coupling," <i>J. Protein Chem.</i> 8:173-182	
	445	Zierler et al. (1992) "Accuracy of Duplex Scanning for Measurement of Arterial Volume Flow," <i>J. Vasc. Surg.</i> 16(4):520-526	

Examiner Signature	/Hope Robinson/	Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here or "x" if English language Translation is attached.